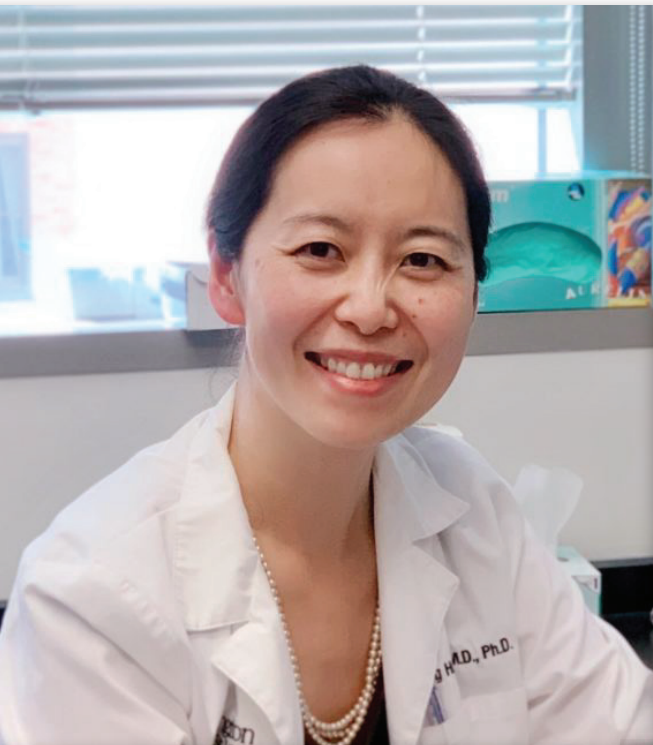


# Committed to Our Mission

*November 2020 Newsletter*

Diabetes Research Connection (DRC) is committed to our mission of funding innovative type 1 diabetes (T1D) research, even during a global pandemic. DRC's board, staff, and volunteers have worked hard over the past few months to cut costs and raise new funds to continue supporting early-career scientists. ***In 2020 alone, DRC has distributed over \$400,000 to research!*** We have received three times the average amount of applications for funding of new projects over the past couple of months. Thank you to many of you who have continued your faithful partnership with DRC, even in such challenging times!



## A New Signal To Halting T1D

**Jing Hughes, MD, Ph.D.,  
Washington University School of Medicine**

T1D is a disease of the insulin-producing, pancreatic beta-cells. As the beta-cells progress from normal, to inflamed, to diabetic, there are many structural changes that occur which lead to impaired insulin secretion. We have determined these transport structures (primary cilium) impact beta-cell function. Our research is designed to characterize how changes in the wave-like motion of primary cilia may contribute to, or cause, the onset of T1D.

## Do Classical T1D Patients Share Genetic Makeup with ICI-Induced T1D Patients?

**Jeremy Racine, Ph.D., The Jackson Laboratory**

Dr. Racine, an expert in immunology, proposes to collaborate with fellow postdoc Dr. Jennifer Dwyer, an expert in molecular biology, to identify genes responsible for the fact some cancer patients undergoing immunotherapy treatment subsequently develop autoimmune T1D as a side effect. This research may lead to a method for blocking the onset of T1D, thereby preventing the disease.



**Read More About All of Our Research Projects on Our Website**

[diabetesresearchconnection.org/projects/](https://diabetesresearchconnection.org/projects/)

# Under THE Sea

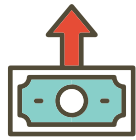
## Virtual Party



RSVPs: 340+



New donors: 50+



Total raised: \$190k



Views: 500+ on YouTube

*"Thank you for the nice event- we know it's so hard to adjust to the times, but DRC did a great job," event attendee and DRC supporter.*

**A special thank you to our Party Committee who helped make this event a success!**



At our virtual event, DRC's President made a profound statement:

*"I want you to remember in these times: before COVID-19 there was type 1 diabetes, during COVID there is type 1 diabetes and after COVID-19 there will be type 1 diabetes. Our organization's efforts are to find resources to help investigators find a cure for type 1 diabetes," Alberto Hayek, MD.*

## November is National Diabetes Awareness Month

DRC debuted our 2020 organizational video at our virtual Dance for Diabetes in September. You can view our video titled "DRC 2020: Committed to Our Mission" on our website in the "Ways to Give" page within the "Join Us" section. During National Diabetes Awareness month, we will share this video on various platforms to raise awareness of type 1 diabetes.

In honor of World Diabetes Day on November 14th, we want to gather with our community and connect you directly with researchers. Save the Date for a virtual gathering with Dr. Anne Hanneken and Dr. Frans Vinberg on November 10th at 1 pm PT. Email [info@diabetesresearchconnection.org](mailto:info@diabetesresearchconnection.org) if you'd like to RSVP now!

## Plan Your Year-End Giving Now

### 100% of Donations

**Designated to Research go to the Scientist's Labs!**

Did you know that in addition to all donations made restricted to research, DRC uses an average of 50% of General Funds to support the most innovative type 1 diabetes research? To show how committed to our mission DRC is, every \$1 donated towards research will be matched up to \$20,000.

## How To Make A Donation



### 1 Donate By Check:

Send a check in the enclosed envelope, specify which project or make it out to the "General Fund."



### 2 Go To Our Website:

DiabetesResearchConnection.org  
Click the orange Donate button in the upper right-hand corner.